Single Primary

C:

5% performance penalty

Driver

Service

Secondaries Completely Offline until failover. No Reads Even.

C:

C:

Linux Magic

This is a disk replication, meaning it contains all the VSS snapshots too. This is a very good thing.

This is a LAN optimized channel. Not ready for WAN

winGRDB

TCP/IP

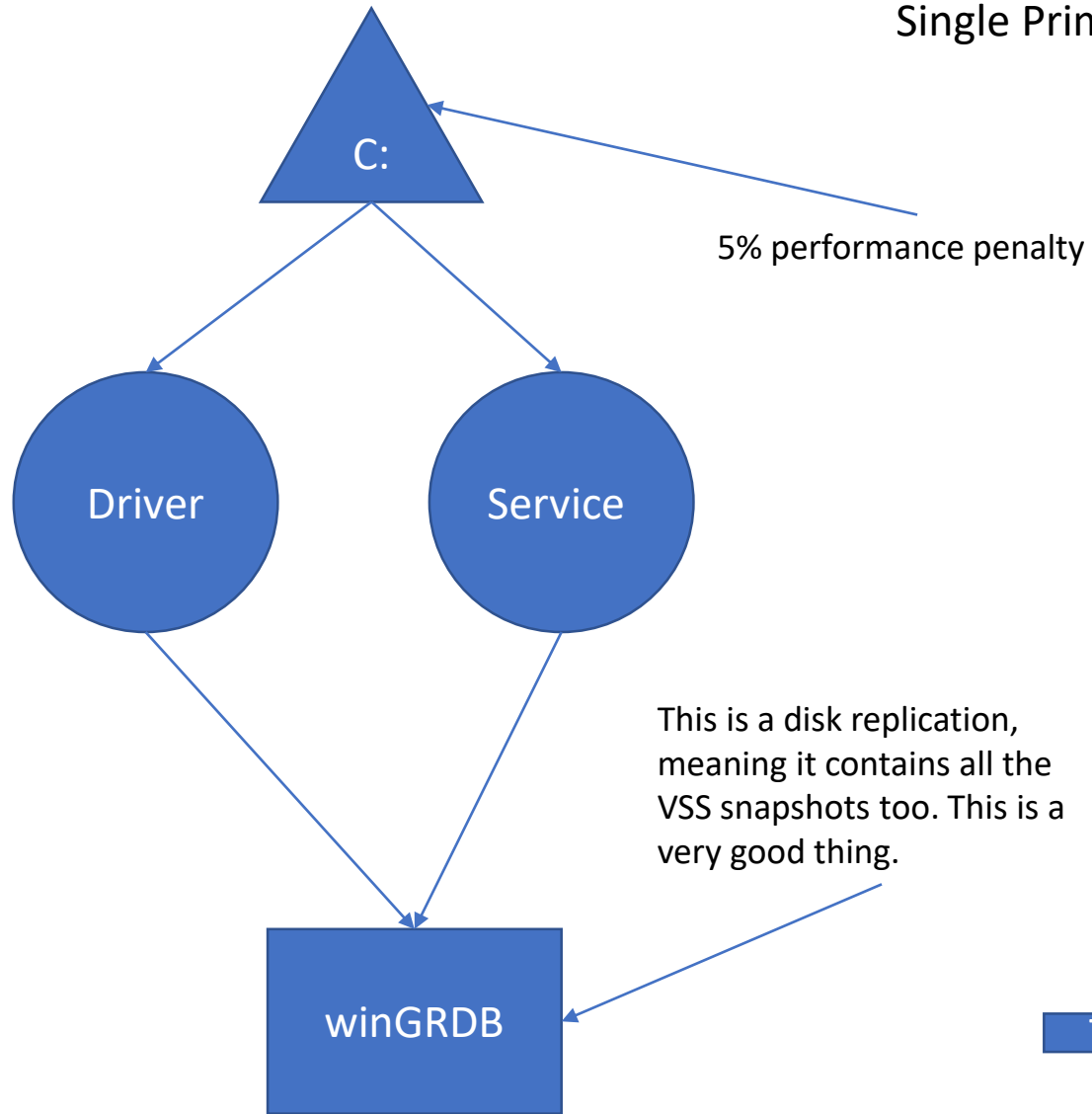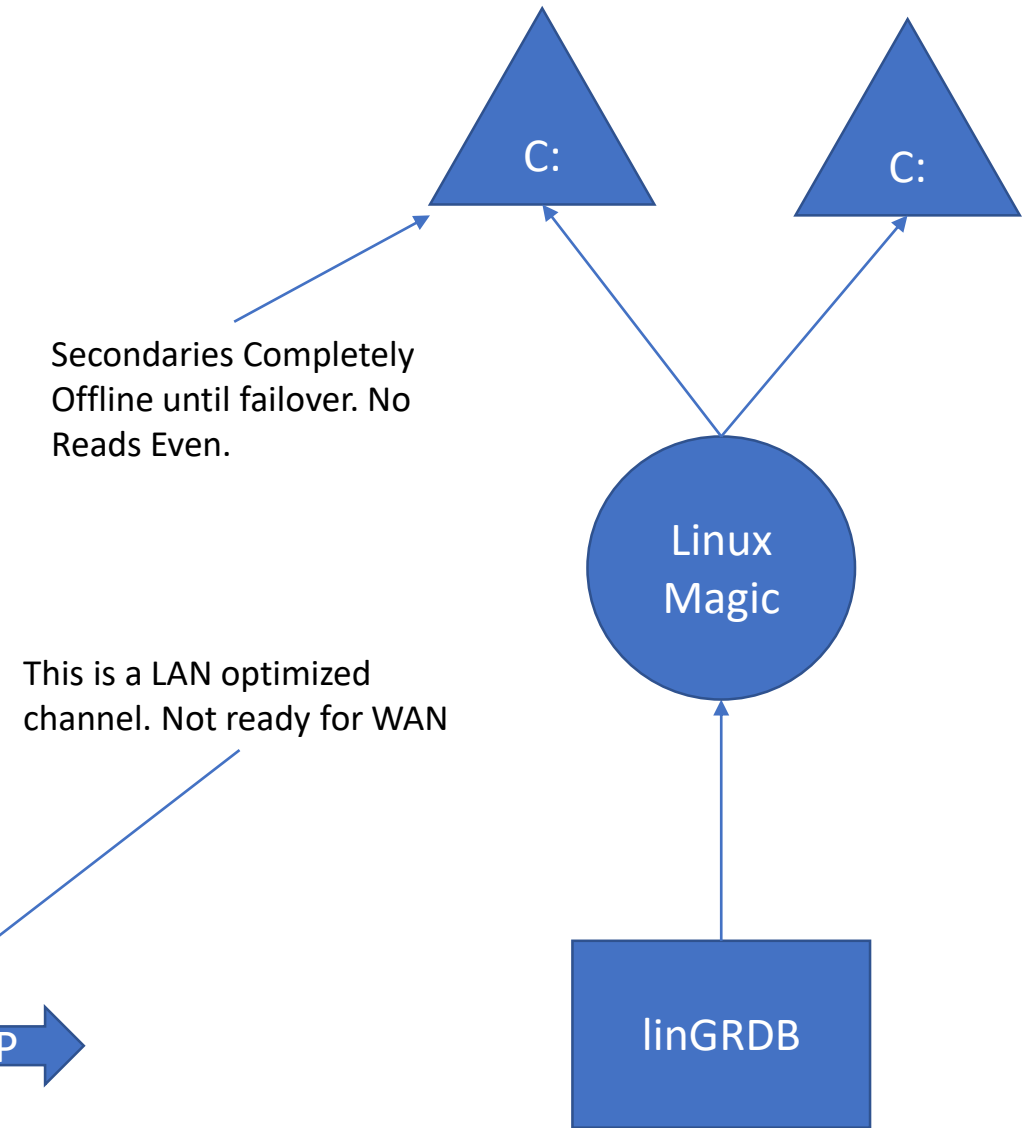linGRDB

How would this work?

- Install winGRDB as primary on windows machine.
- Take VSS snapshots on a schedule.
- These snapshots are replicated automatically to all configured secondaries.
- Take a secondary offline, export snapshot to some volume snapshot manager.

Summary

- Can this work. YES!

- Fast to prototype.

- Not currently optimal, I'd say 20 - 50% out of the box.

- Large amount of work required to make it a high performance competitive product.